

FIG.1

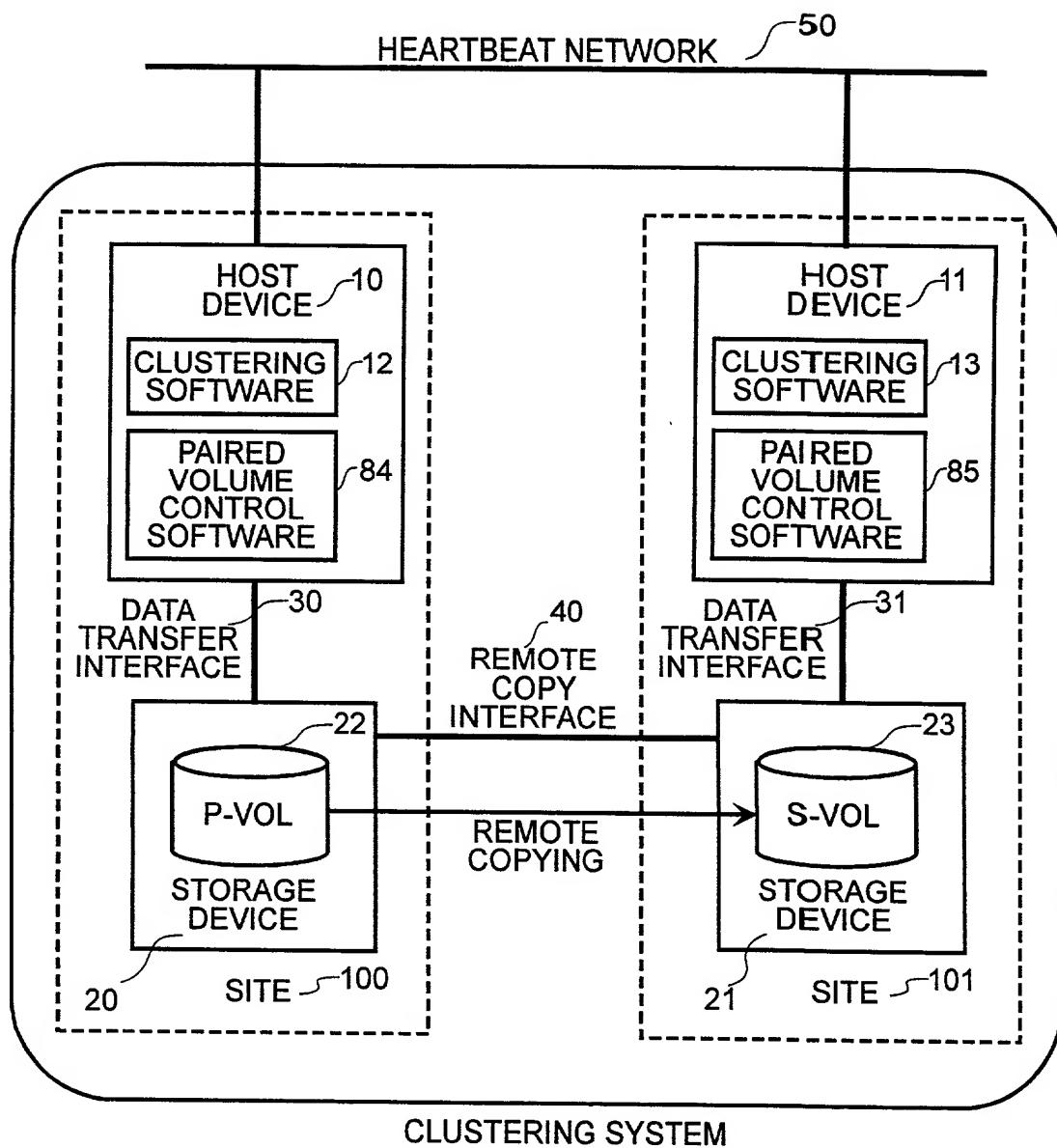


FIG.2

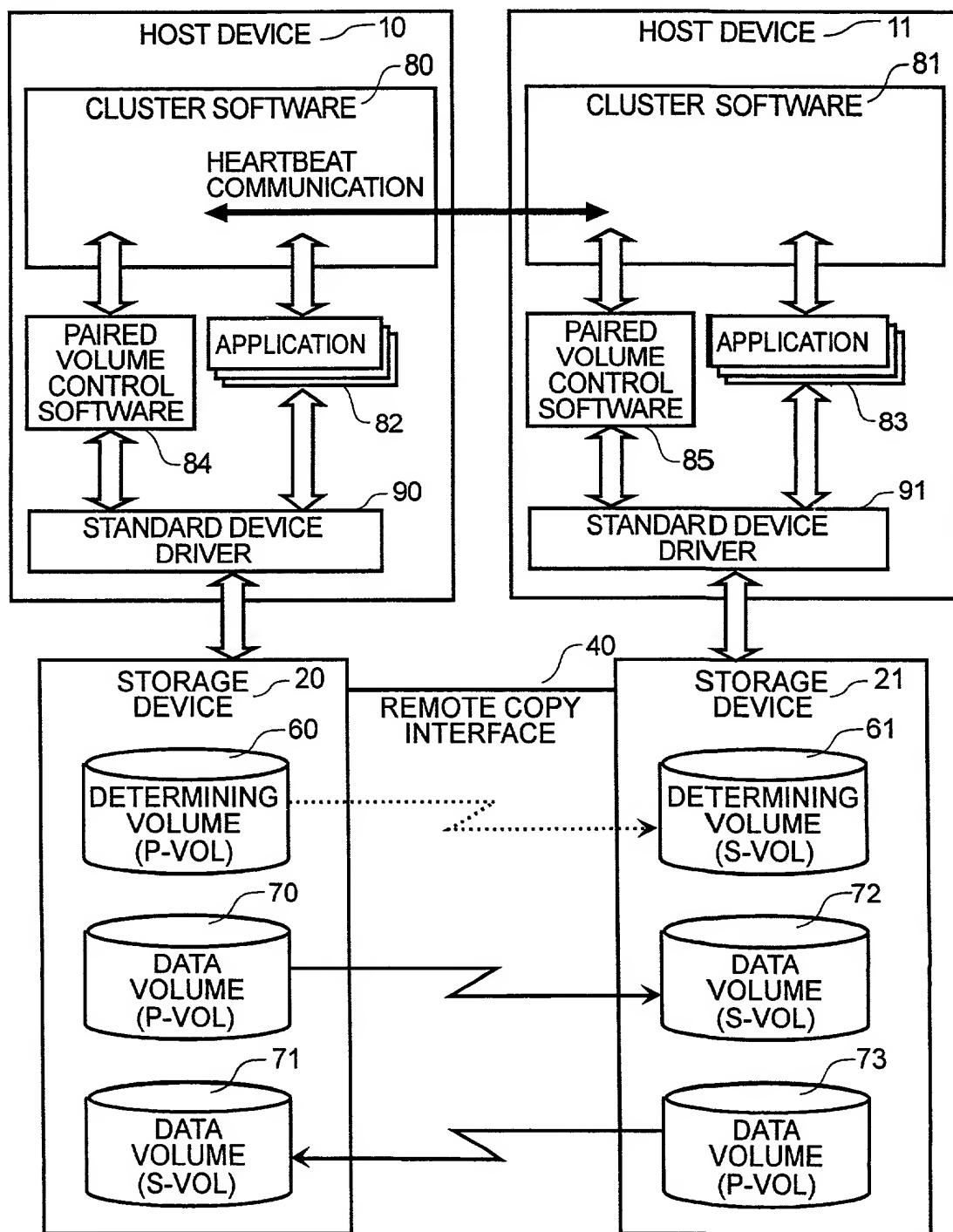


FIG.6

OPERATION OF PAIRED VOLUME CONTROL SOFTWARE [OTHER THAN RESERVE COMMAND]

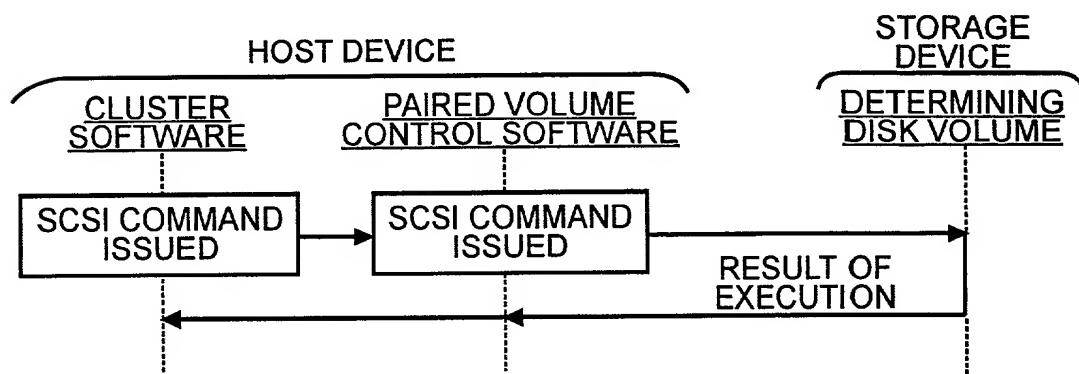


FIG.3

PAIRED VOLUME STATE TRANSITIONS

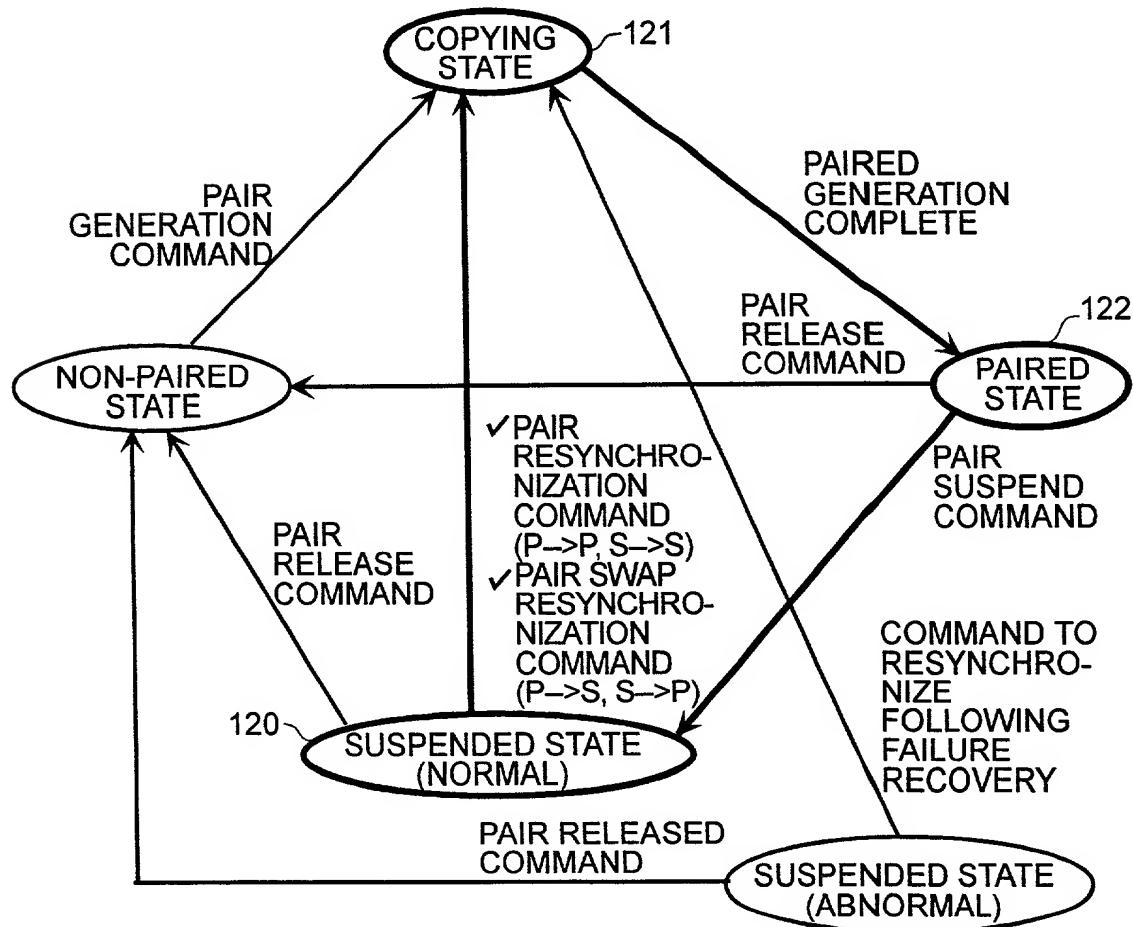


FIG.4

RESPONSE FROM STORAGE DEVICE WHEN THE PAIR RESYNCHRONIZATION COMMAND IS ISSUED

COMMAND EXECUTED	VOLUME ATTRIBUTES		RESPONSE OF STORAGE DEVICE
PAIR RESYNCHRONIZATION	P-VOL	NON-PAIRED VOLUME	
		COPYING IN PROGRESS	ABNORMAL END
		PAIRED STATE	130
		SUSPEND STATE (NORMAL)	NORMAL END
		SUSPEND STATE (ABNORMAL)	
	S-VOL	COPYING IN PROGRESS	
		PAIRED STATE	ABNORMAL END
		SUSPEND STATE (NORMAL)	
		SUSPEND STATE (ABNORMAL)	
		NON-PAIRED VOLUME	
PAIR SWAP RESYNCHRONIZATION	P-VOL	COPYING IN PROGRESS	ABNORMAL END
		PAIRED STATE	
		SUSPEND STATE (NORMAL)	
		SUSPEND STATE (ABNORMAL)	
	S-VOL	COPYING IN PROGRESS	
		PAIRED STATE	131
		SUSPEND STATE (NORMAL)	NORMAL END
		SUSPEND STATE (ABNORMAL)	ABNORMAL END

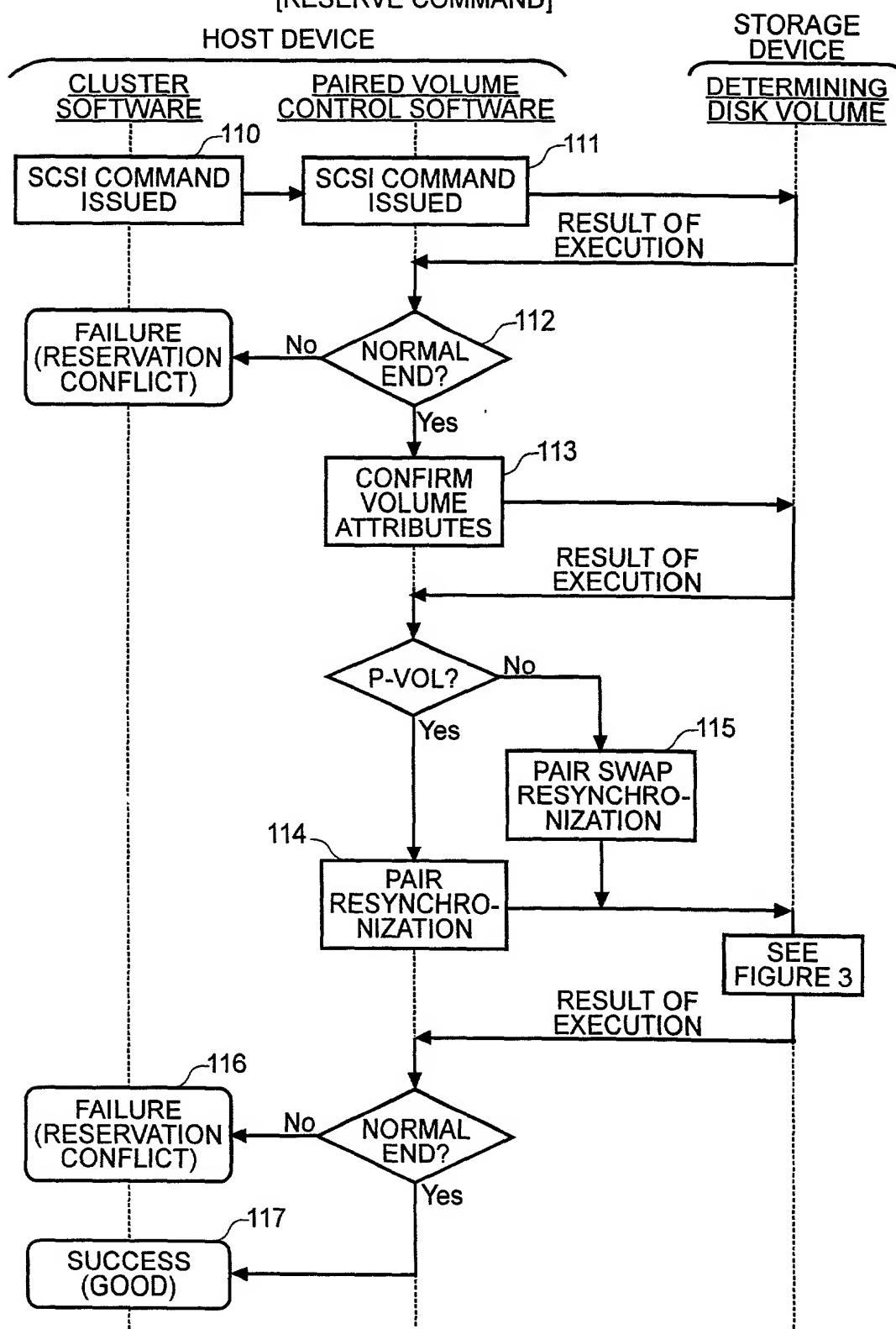
FIG.5OPERATION OF PAIRED VOLUME CONTROL SOFTWARE
[RESERVE COMMAND]

FIG.7

INITIAL STATE
ATTRIBUTE OF DETERMINING PAIRED VOLUMES:
SUSPENDED (NORMAL)

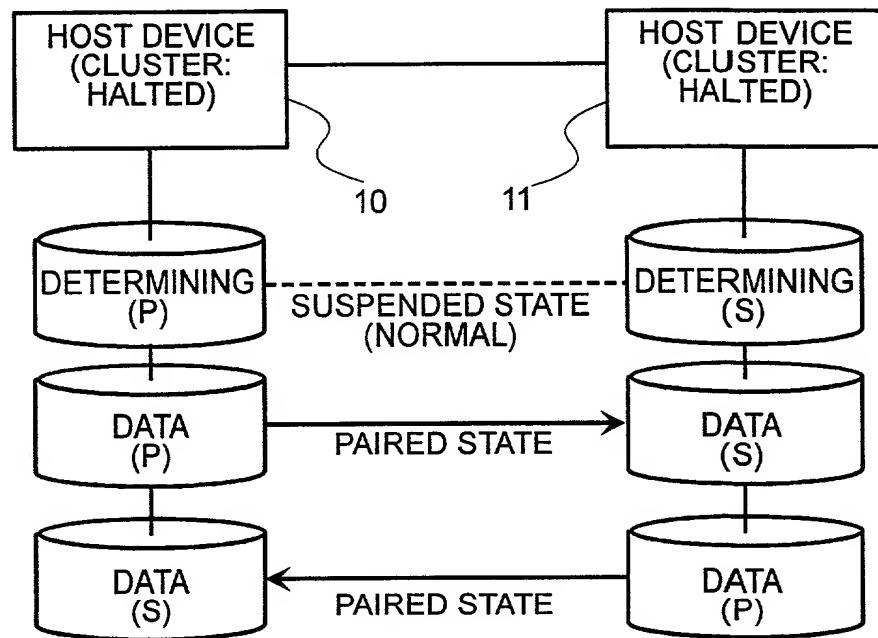


FIG.8

ATTRIBUTE OF DETERMINING PAIRED VOLUMES:
PAIRED STATE

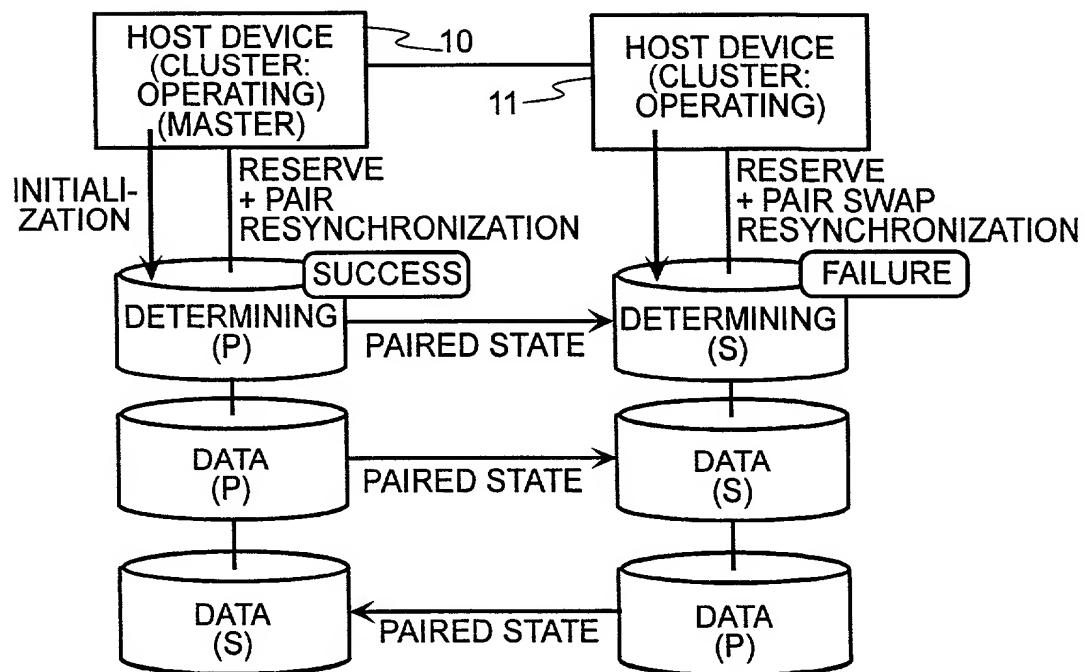


FIG.9

ATTRIBUTE OF DETERMINING PAIRED VOLUMES:
PAIRED STATE

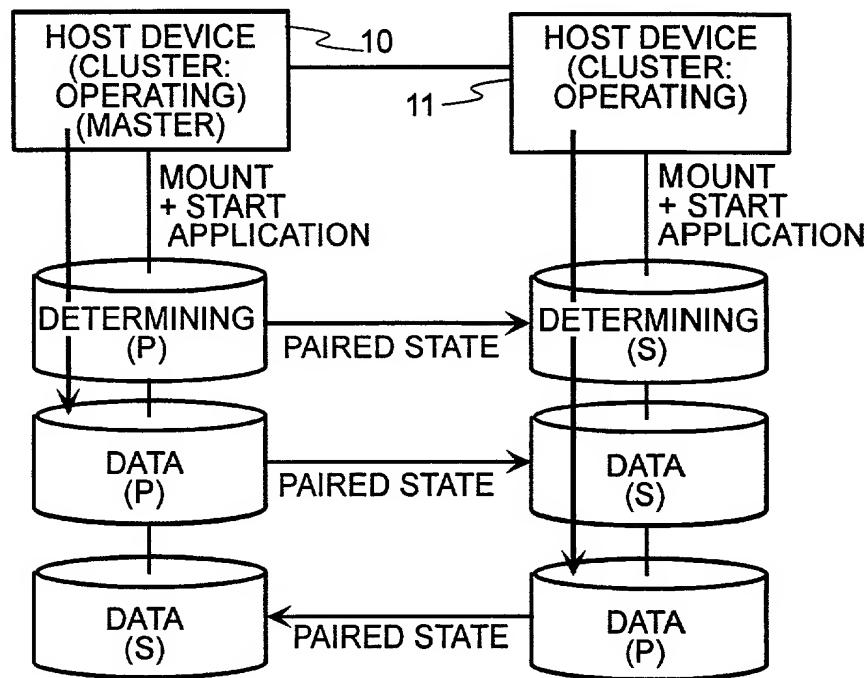


FIG.10

ATTRIBUTE OF DETERMINING PAIRED VOLUMES:
SUSPENDED (NORMAL)

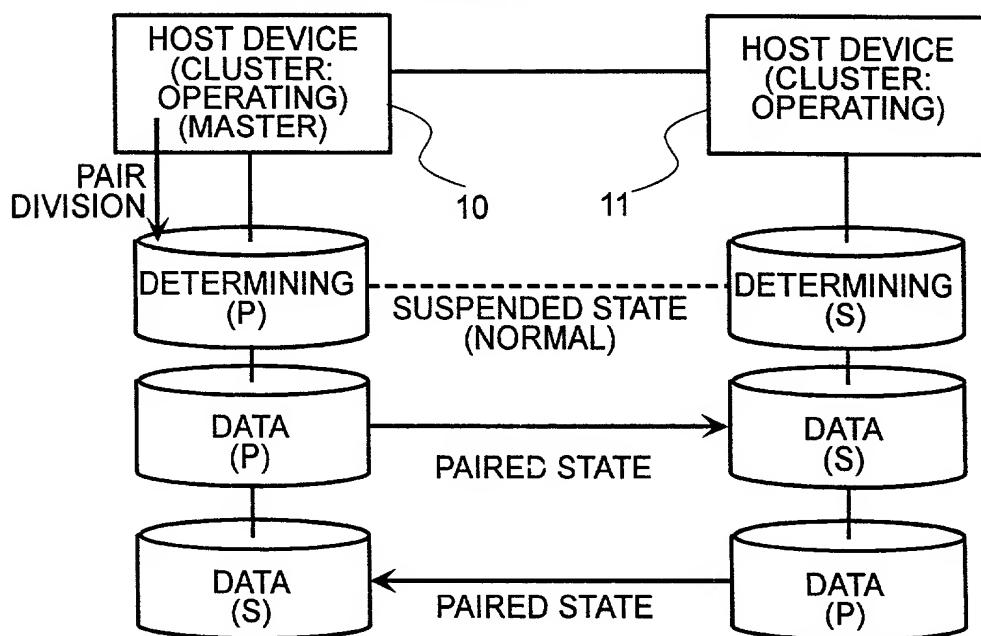
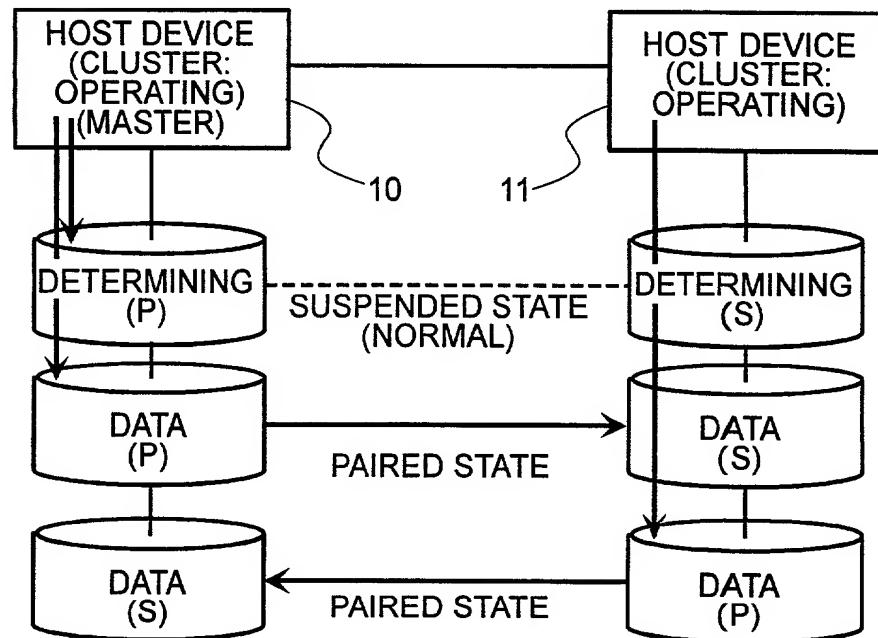


FIG.11

ATTRIBUTE OF DETERMINING PAIRED VOLUMES:
SUSPENDED (NORMAL)

**FIG.12**

ATTRIBUTE OF DETERMINING PAIRED VOLUMES:
PAIRED STATE

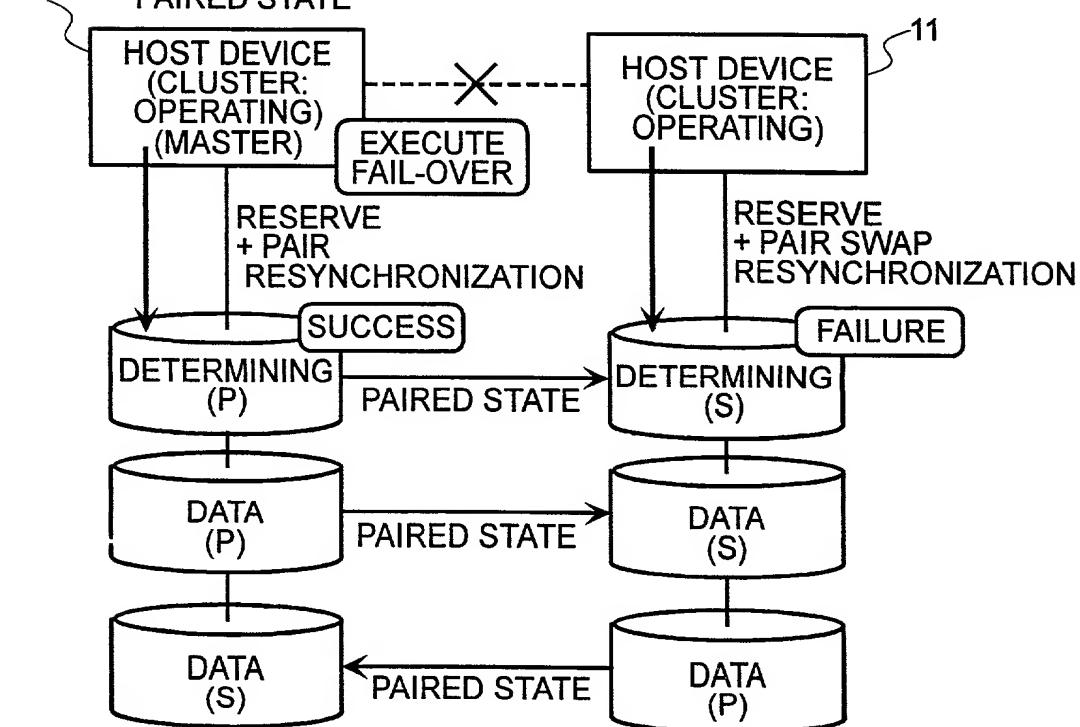


FIG.13

